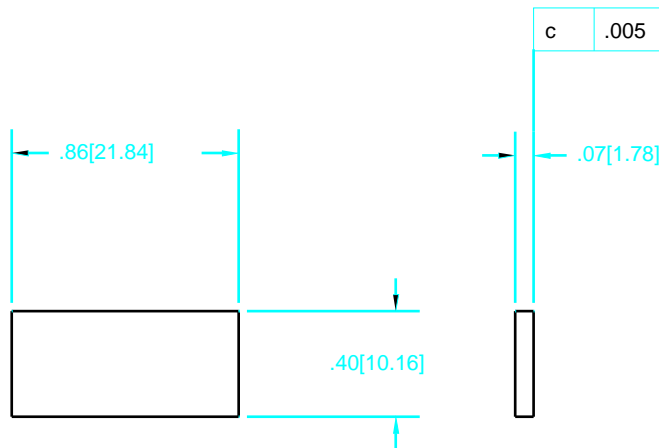


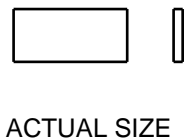
(B)

PLOT SCALE: 1=1

DWG. SCALE: 1



2X ACTUAL SIZE
(FOR CLARITY)



ACTUAL SIZE

NOTES:

1. THIS IS A ULTRA-HIGH VACUUM COMPONENT (UHV).
2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIMCOOL 5 STAR 49
B) TRIM SOL
3. THE COMPONENT NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING, AND DRY NITROGEN BLOWDOWN.
4. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
5. TOLERANCE SPECIFICATIONS TO CONFORM TO TOLERANCE BLOCK.
6. ALL DIMENSIONS IN [] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR .X - .03 - .25 .XX - .01 .XXX - .005 SURFACE ROUGHNESS 125 ✓ REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		LOG NUMBER A2573100	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
DRAWN BY corcuera	DATE 11/18/96	CHIEF DESIGN ENGINEER D. SHU	DATE	TITLE ADVANCED PHOTON SOURCE
CHECKED BY J. CHANG	DATE 2/18/97	GP LEADER T. KUZAY	DATE 2/20/97	B7-50 ID MASK WITH BM BPM BLOCK
DESIGNER CHANG/CORCUERA	DATE 2/18/96	PROJECT MGR.	DATE	
RESPONSIBLE ENGINEER J. CHANG	DATE 2/18/97	APPROVED/RELEASED	DATE	
MATERIAL O.F.H.C. COPPER .07 [1.85] x SEE DWG		SCALE 1:1	SIZE B	DRAWING NUMBER P4105091407-520002-00
DO NOT SCALE DRAWING		SHEET 1 of 1		

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				